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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/693,280	10/20/2000	Paul Lapstun	NPA040US	7428

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BALMAIN, 2041  
AUSTRALIA

EXAMINER

TRAN, DALENA

ART UNIT PAPER NUMBER

3661

DATE MAILED: 11/07/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application N .

09/693,280

Applicant(s)

LAPSTUN ET AL.

Examiner

Dalena Tran

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 20 October 2000.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-3 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-3 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

## Priority under 35 U.S.C. §§ 119 and 120

- 13) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 5.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

## **DETAILED ACTION**

### **Notice to Applicant(s)**

1. This application has been examined. Claims 1-3 are pending.
2. The prior art submitted on 3/5/01 has been considered.

### ***Claim Rejections - 35 USC § 103***

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 1-3, are rejected under 35 U.S.C.103(a) as being unpatentable over DeLorme et al. (6,321,158) in view of Heuwieser et al. (4,668,858), and Lima (5,406,491).

As per claim 1, DeLorme et al. disclose a method of enabling a user to plan a route using a computer system, including steps: printing a map of a geographic area (see columns 9-10, lines 1-2; column 11, lines 30-63; and column 13, lines 9-58), receiving in the computer system indicating data from a sensing device operated by the user, the indicating data regarding the identity of the map and a position of the sensing device relative to the map (see column 8, lines 12-67; and columns 11-13, lines 64-8), identifying in the computer system and from the indicating data, at least one geographic location (see columns 10-11, lines 3-29), and planning the route, in the computer system, using the at least one geographic location as at least one of the route starting point, a route way point, and the route destination (see columns 6-7, lines 32-4). DeLorme et al. do not disclose the map including coded data. However, Heuwieser et al. disclose the map including coded data indicative of an identity of the map and of a plurality of

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references points of the map (see columns 1-2, lines 26-54; and column 3, lines 14-54).

DeLorme et al. also do not disclose the sensing device, when placed in an operative position relative to the map, sensing the indicating data using at least some of the coded data. However, Lima discloses when placed in an operative position relative to the map, the sensing device sensing the indicating data using at least some of the coded data (see columns 5-7, lines 4-9). It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the teach of DeLorme et al. by combining the map including coded data, and the sensing device, when placed in an operative position relative to the map, sensing the indicating data using at least some of the coded data to accurately determine the location of a user in the map database and appropriately provide a plan route correctly.

As per claim 2, DeLorme et al. disclose printing a map covering at least part of the geographic area covered by the route (see columns 10-11, lines 3-29; and column 13, lines 8-58).

Claim 3 is system claim corresponding to method claims 1-2 above. Therefore, it is rejected for the same rationales set forth as above.

### **Conclusion**

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure:


- . Dunn et al. (4,393,448)
- . Cummings (4,796,190)
- . Knoll et al. (4,888,699)
- . Carver et al. (5,268,844)

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6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dalena Tran whose telephone number is 703-308-8223. The examiner can normally be reached on M-F (7:30 AM-5:30PM), off every other Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, William Cuchlinski can be reached on 703-308-3873. The fax phone numbers for the organization where this application or proceeding is assigned are 703-305-7687 for regular communications and 703-305-7687 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-1113.

  
TAN Q. NGUYEN  
PRIMARY EXAMINER

/dt

November 1, 2002